

## Mt Ida Drilling Update and Discovery of Further Pegmatites

Red Dirt Metals Limited (ASX: RDT) ("Red Dirt" or the "Company") is pleased to provide an update on the second batch of assays received from its Mt Ida Lithium/gold Project, highlighting continued exploration success and additional pegmatite bodies discovered on the Eastern Limb and to the immediate south of the Central Mt Ida Project area.

### Highlights include:

- Northern pegmatites (Sparrow and Timoni) returned shallow high grades in second round of assays, both pegmatites remain open
- Timoni pegmatite now drilled down to 280m below surface with thick 11.4m (IDRCD232 from 312.5m) interval of spodumene rich pegmatite intersected (see figure 3)
- Timoni pegmatite thickening with depth
- Main southern pegmatite (Sister Sam) extended down dip to 400m below surface, significant visual intervals in core from 5 down-dip holes are pending assays, along with a further 2000+ samples awaiting analysis
- New pegmatite body discovered to south of Central Mt Ida Project area, follow up drilling continuing
- Pegmatite swarm discovered on Eastern Limb, up to 18m of pegmatite in RC chips over 300m in strike extent drilled to date
- Extensive geochemical soil programme 50% completed, 1800 samples to be submitted this week for pXRF lithium index analysis
- Sighter metallurgical testwork ongoing

### Significant intervals reported:

#### Southern "Sister Sam" Pegmatite:

- **11m @ 1.81% Li<sub>2</sub>O and 374ppm Ta<sub>2</sub>O<sub>5</sub>** from 226m in IDRCD100 with 4m of further pegmatite in diamond tail to be analysed

#### Timoni Pegmatite:

- **5m @ 1.88% Li<sub>2</sub>O and 68ppm Ta<sub>2</sub>O<sub>5</sub>** from 242m in IDRC109
- **3m @ 1.22% Li<sub>2</sub>O and 125ppm Ta<sub>2</sub>O<sub>5</sub>** from 43m and **3m @ 1.76% Li<sub>2</sub>O and 52ppm Ta<sub>2</sub>O<sub>5</sub>** from 86m in IDRC118
- **5m @ 1.46% Li<sub>2</sub>O and 279ppm Ta<sub>2</sub>O<sub>5</sub>** from 64m in IDRC101

#### Sparrow Pegmatite:

- **6m @ 1.82% Li<sub>2</sub>O and 241ppm Ta<sub>2</sub>O<sub>5</sub>** from 51m and **3m @ 1.21% Li<sub>2</sub>O and 224ppm Ta<sub>2</sub>O<sub>5</sub>** from 65m in IDRC137
- **8m @ 1.47% Li<sub>2</sub>O and 318ppm Ta<sub>2</sub>O<sub>5</sub>** from 186m in IDRC115
- **6m @ 1.01% Li<sub>2</sub>O and 171ppm Ta<sub>2</sub>O<sub>5</sub>** from 155m in IDRC139

**ACN** 107 244 039

**ASX** RDT

**DATE** 8 April 2022

### **ISSUED CAPITAL**

Ordinary Shares: 299.1M

### **BOARD OF DIRECTORS**

Matthew Boyes  
Managing Director

Alex Hewlett  
Chairman

James Croser  
Non-Executive Director

Tim Manners  
Non-Executive Director

Nader El Sayed  
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Drilling at the southern Sister Sam pegmatite has continued to deliver thick mineralised pegmatite with results from pre-collar IDRCD100 **11m @ 1.81% Li<sub>2</sub>O from 226m**, with assays pending from a further 4m of contiguous pegmatite drilled in the diamond tail. Extension drilling at depth of the Sister Sam pegmatite has also intercepted thick mineralised pegmatites at depth with IDRCD204 intercepting a very large mineralised intercept from 363-397m. The mineralisation now extends down dip a further 150m to a depth of 400m below surface with thicknesses up to 34m intersected. Diamond tails on each of these 5 holes are pending assay results and will be reported once available.

Current drilling at the Sister Sam pegmatite is focused on the collection of a representative metallurgical sample for follow up comprehensive testwork. Sighter testwork including preliminary DMS and flotation work is well underway at Nagrom Laboratories and nearing completion with final results expected to be available in the next 2-3 weeks. Initial density work on the diamond core has reported an average **Specific Gravity (SG) of 2.84 tonnes per cubic metre from 40 samples** from the Sister Sam pegmatite. Measurement of SG will continue as standard practice on all sampled core intervals going forward.

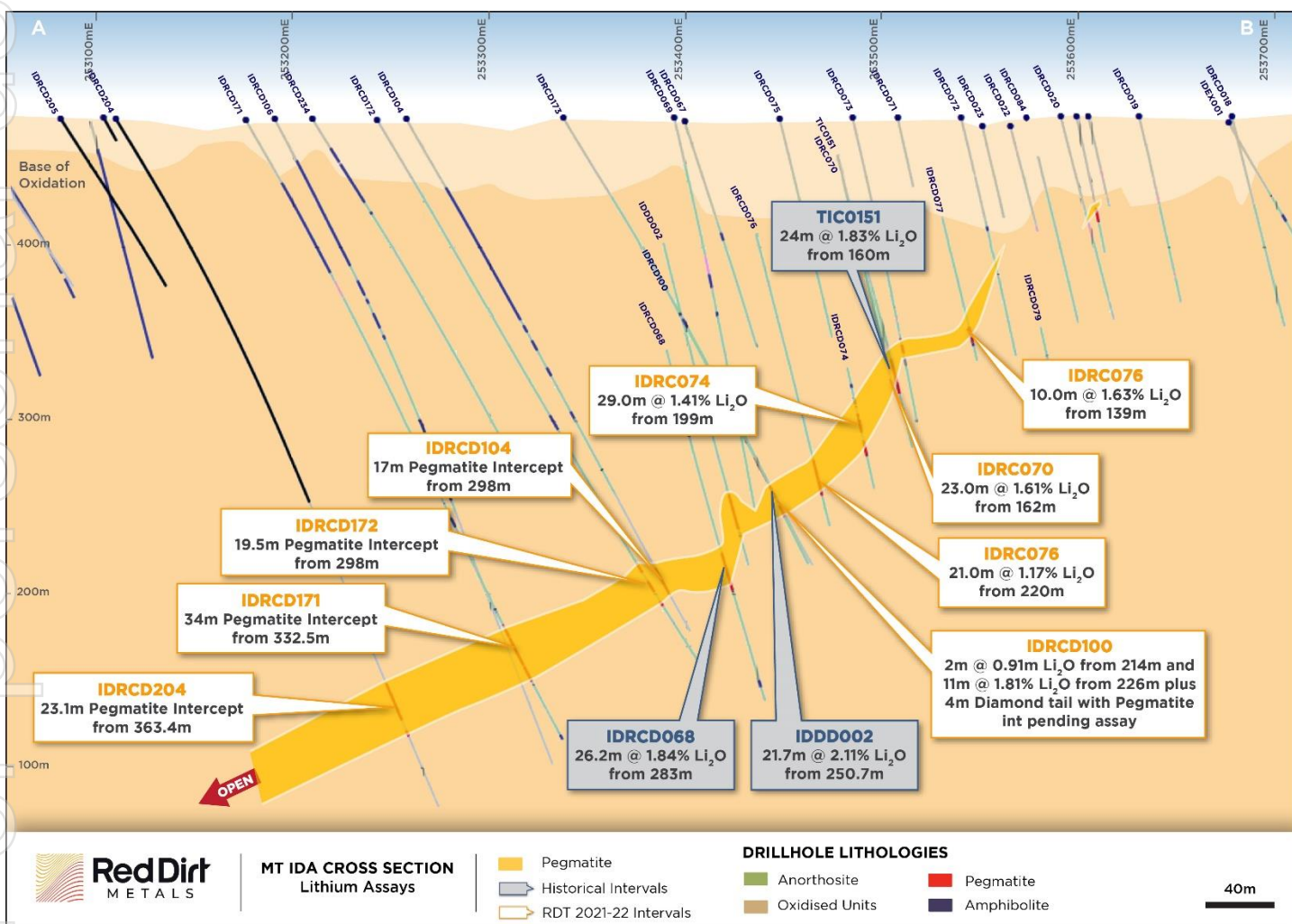


Figure 1; Section through Sister Sam pegmatite showing lithium grades reported to date with additional new intervals

Exploration drilling directly to the south of the Sister Sam pegmatite has intercepted a new mineralised pegmatite in the footwall position with exploration and infill drilling ongoing. Drillholes IDEX004 (1m from 204m) and IDEX003 (2m from 190m) both intersected a previously undrilled pegmatite with samples now submitted for analysis. Follow up drilling is now underway in the area to understand the dip and strike and better evaluate the size of the pegmatite intrusive.



Drilling at the northern Timoni pegmatite has delivered high grade near surface results in IDRC101 with **5m @ 1.45% Li<sub>2</sub>O from 64m**, while deeper down plunge drilling has intersected broad widths of spodumene rich pegmatites effectively extending the mineralised system down to and past 300m vertically from surface. The system remains completely open and is thickening with depth. The mineralisation visually appears to contain very similar quantities of Spodumene to the high-grade mineralisation intersected in the Sister Sam pegmatite in previously reported holes.

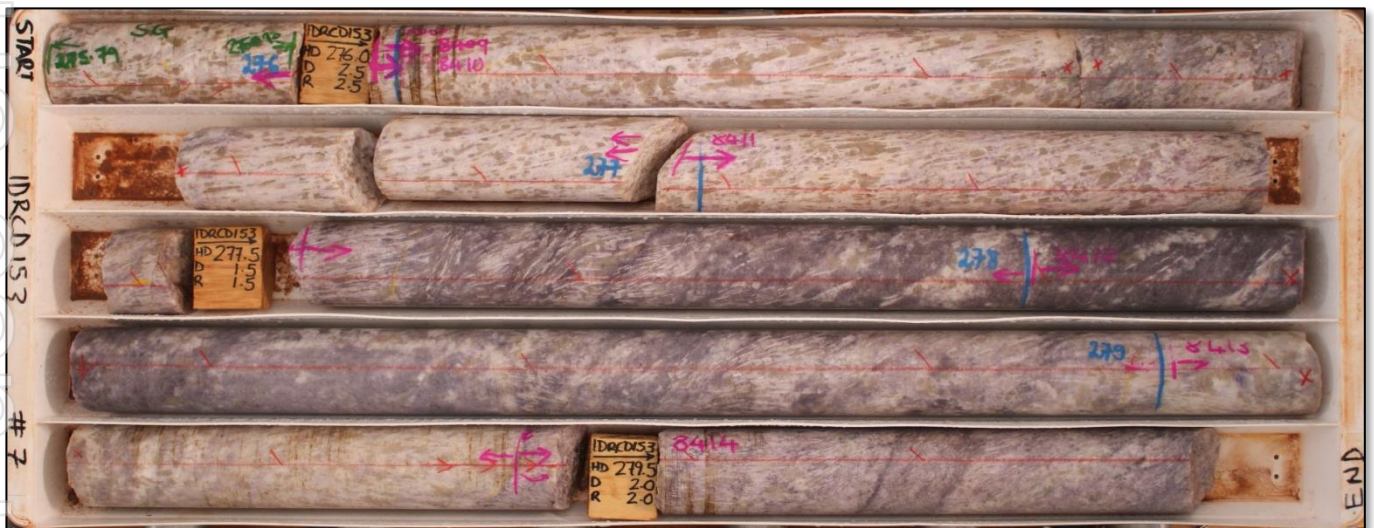


Figure 2; IDRC153 HQ drill core interval 275.79 to 280m high % of coarse Spodumene visible as white acicular needles within groundmass #

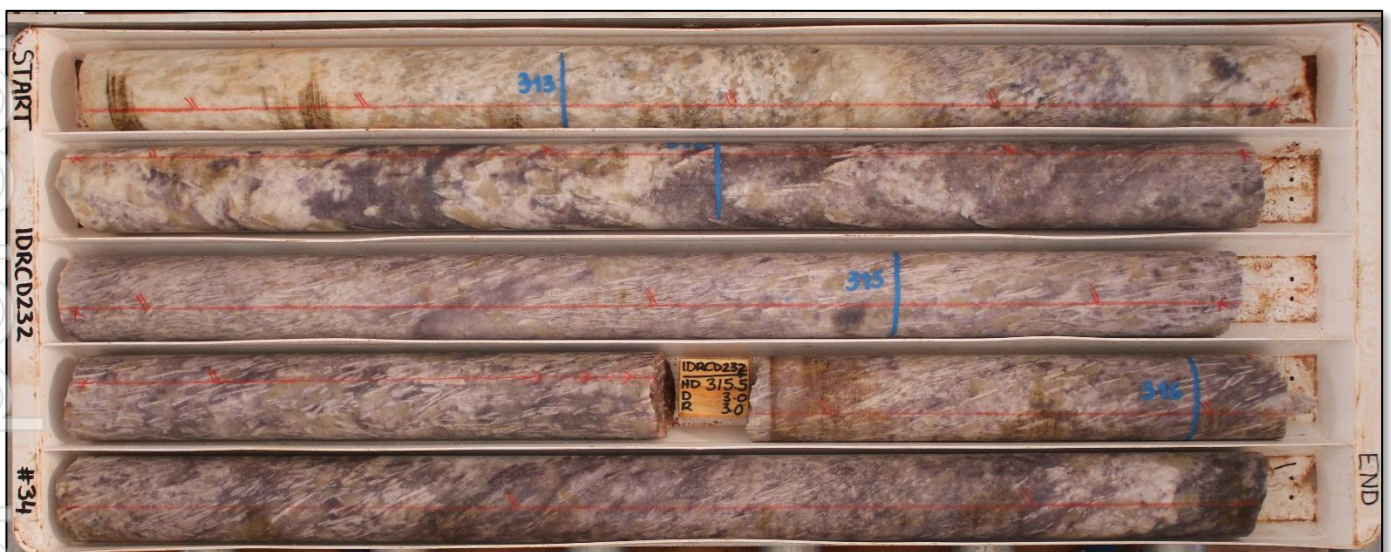


Figure 3; IDRC232 312.6m to 317.1m a section of 11.4m of pegmatite intersected down plunge of the IDRC153, coarse Spodumene needles visible throughout the 11.4m interval

#The Company has no estimate of potential lithium mineralisation contained within IDRC232 which can only be determined through laboratory analysis

Drilling at the Timoni pegmatite will continue once assay results for the deeper pegmatite intervals are returned. The recent diamond drilling into the deeper sections of the Timoni pegmatite has demonstrated thicknesses in excess of 11m of true width continuing to 200+m below surface increasing significantly the exploration upside



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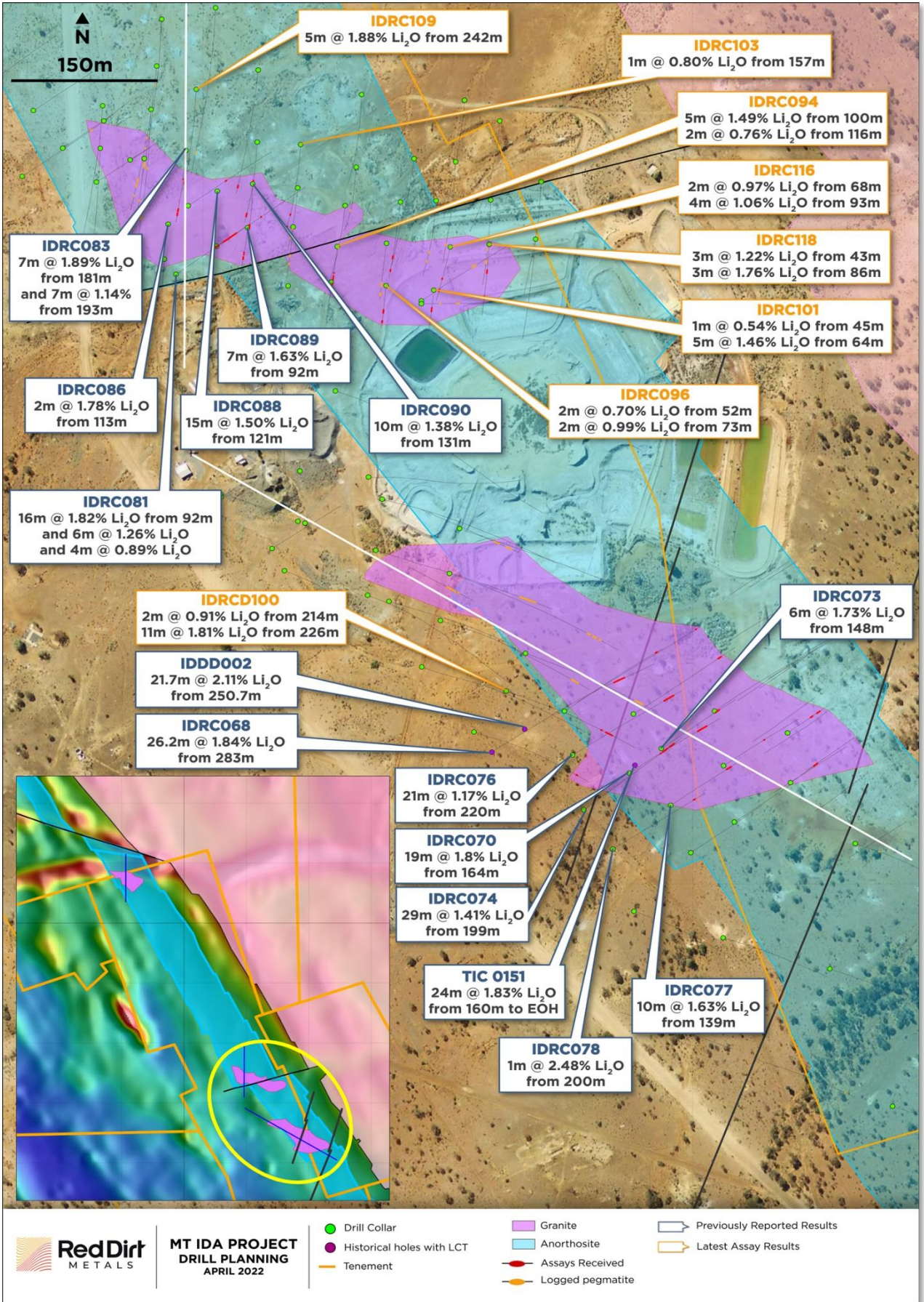


Figure 4; Plan view showing drill results and surface expression of drilled Timoni and Sister Sam pegmatites



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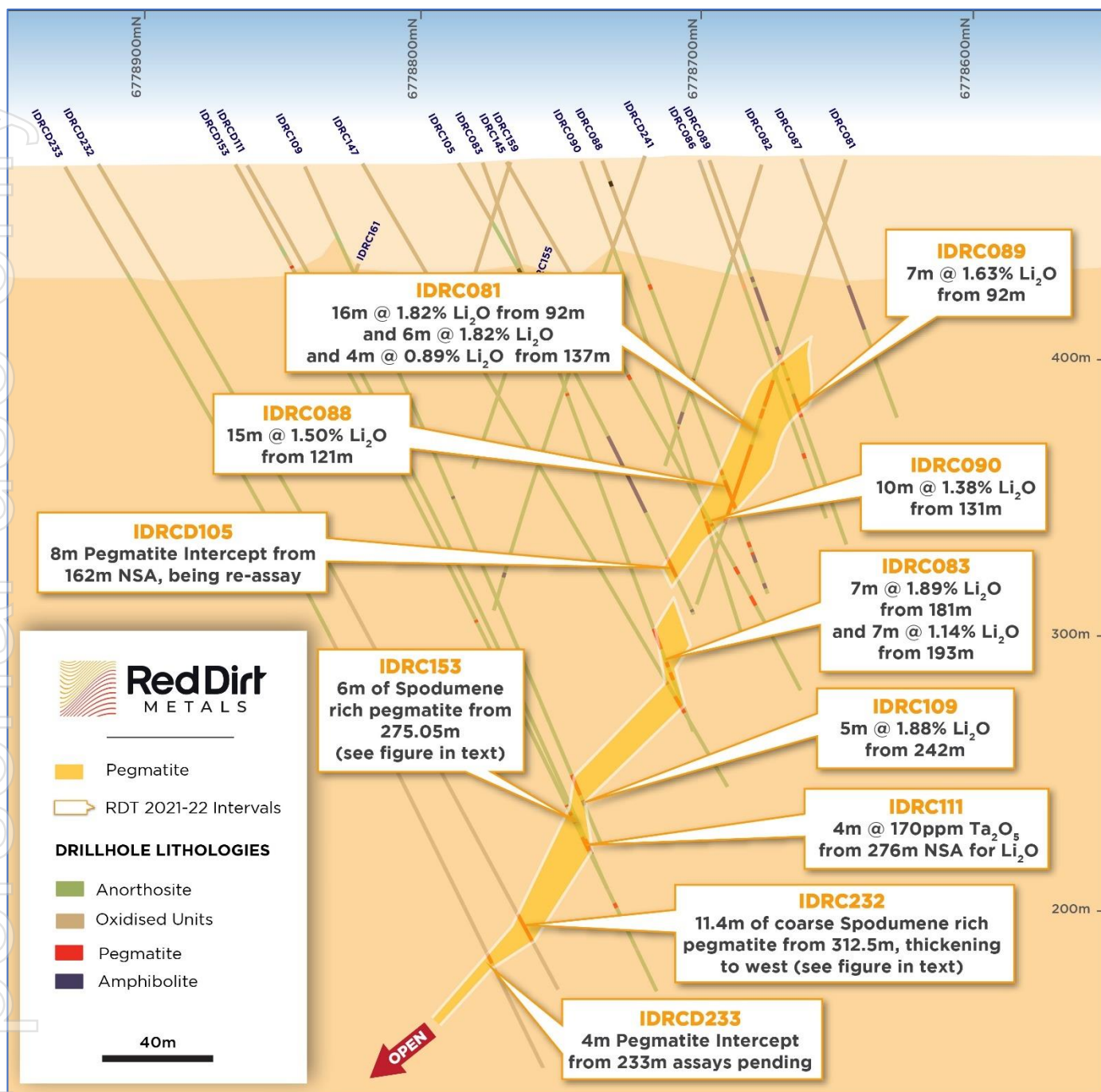


Figure 5; N-S section 75m window through the northern Timoni pegmatite showing Li<sub>2</sub>O and Ta<sub>2</sub>O<sub>5</sub> grades plus recently intersected pegmatite intervals

Exploration success at the Sparrow pegmatite, shallow high grades intersected:

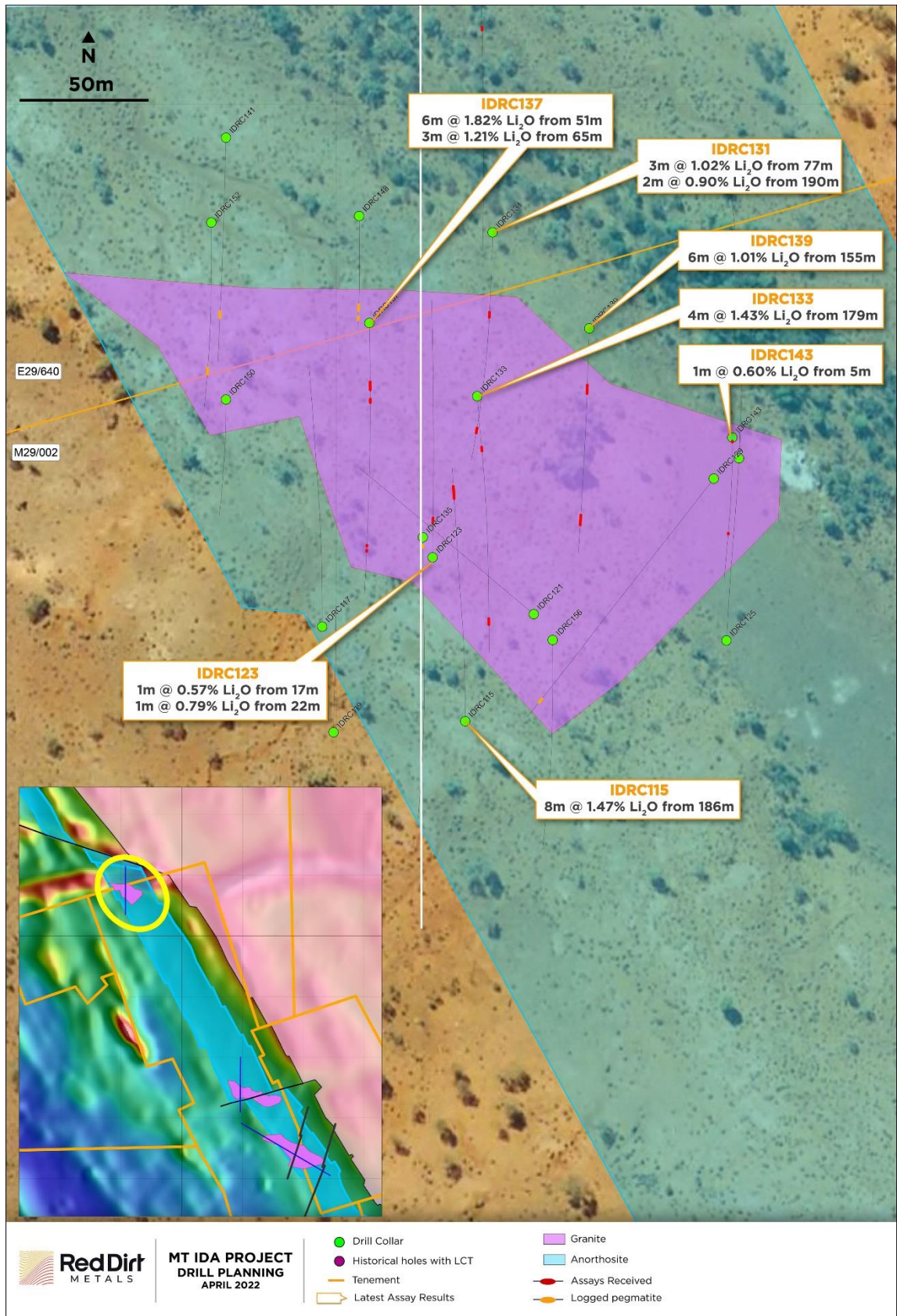


Figure 6; Sparrow pegmatite surface expression with latest results



The Sparrow pegmatite was originally drilled in December 2021 and RDT have been awaiting assays results to confirm mineralisation before continuing to further expand exploration. The Sparrow pegmatite is located on the contact of a very large Proterozoic east west trending dyke which crosscuts the pegmatite at depth and to the east as the pegmatite shallows and comes to surface. RDT is very excited by the grades and widths from the Sparrow as the northern side of the dyke remains completely unexplored and the system remains open in several directions. RC, soil geochemical programmes and aircore drilling will help develop drill targets to the immediate north of the dyke and further afield over the next 2 months.

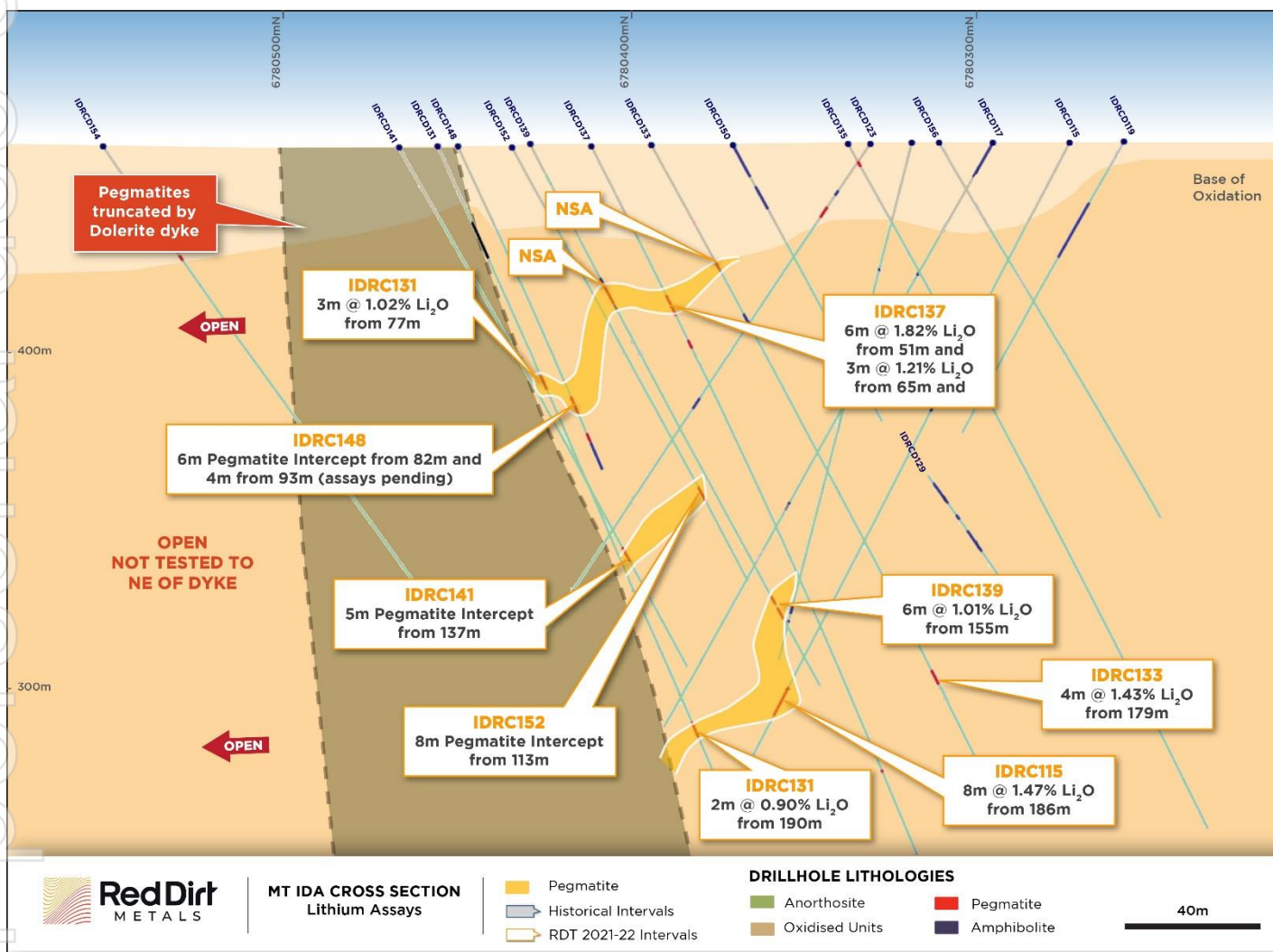


Figure 7; N-S orientated section through the Sparrow pegmatite showing Li<sub>2</sub>O grades and interpreted geology

### Eastern pegmatites

Exploration drilling and surface sampling on the eastern side of the Copperfield granite has successfully identified three separate mineralised pegmatite prospects at the Blackbeard prospect, the Vane Prospect and the Forrest Belle prospect. Drilling at the Blackbeard prospect has confirmed LCT mineralisation within a swarm of pegmatites with assay results expected for this prospect in 5 weeks. Surface sampling at the Vane prospect has identified LCT mineralisation in an outcropping pegmatite with rock chip R0015 assaying **2.37% Li<sub>2</sub>O** and surface mapping has identified the Vane and Forrest Belle pegmatites over 400m of strike.



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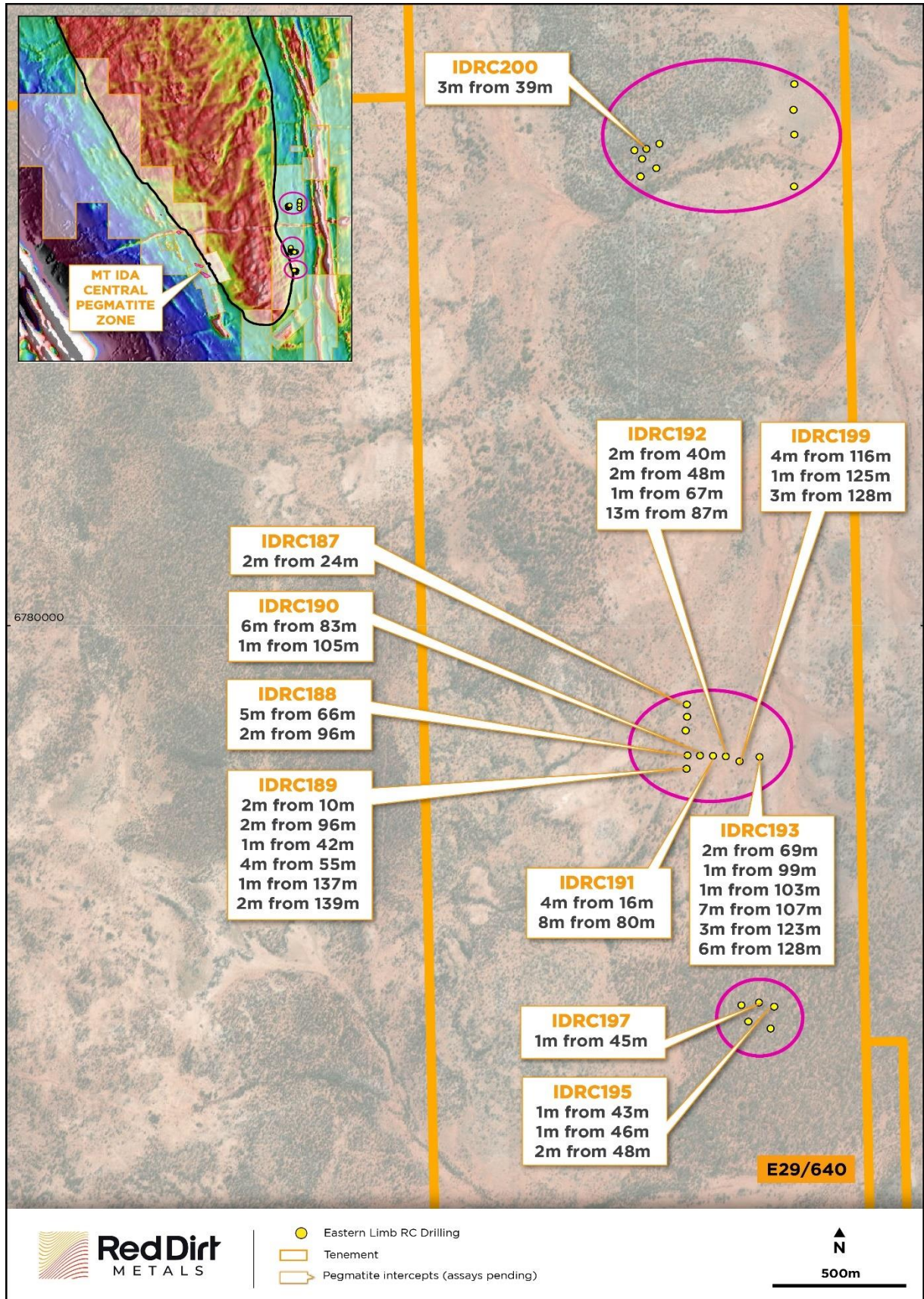


Figure 8; Pegmatite locations discovered on the eastern limb of the granite intrusive, up to 18m of logged pegmatite in IDRC 192, #The Company has no estimate of potential lithium mineralisation contained within any of the RC holes drilled on the eastern limb which can only be determined through laboratory analysis



## Mt Ida Gold-Copper

### Baldock Au-Cu lode and Timoni Au lodes intersected

Recent Lithium exploration drilling has also intersected high grade gold results in several holes from the Baldock-Timoni central areas including:

- **3m @ 11.37g/t gold from 170m in IDRC103**
- **5m @ 4.96 g/t gold from 112m in IDRC113**
- **3m @ 3.39 g/t gold from 56m and 1m @ 3.27 g/t gold from 99m in IDRC099**
- **2m @ 4.16 g/t from 102m and 1m @ 9.48g/t gold from 139m and 2m @ 7.29 g/t gold from 154m and 6m @ 1.92g/t gold from 171m in IDRC122**

Four diamond drill holes have been drilled into the Baldock-Copperfield Au-Cu prospect as proof of concept with the intention of replicating historic drillholes and giving RDT confidence in pursuing a resource update for this prospect. The current resource calculated on the Baldock and Meteor deeps is non JORC compliant and will need to be upgraded to current JORC code compliancy.

Additional drilling is required to satisfy the QAQC requirements as very little historic QAQC exists. RDT sees huge potential for additional discovery and extension of the known limits of the currently drilled gold copper mineralisation. The Baldock, Timoni and Meteor deeps are currently second priority for RDT but will be drilled during the course of the current exploration programme when scheduling of the Lithium exploration enables drill availability.

Due to long assay turnaround for the initial 2 batches of results, several diamond holes have been completed into the Baldock and Timoni lodes. A resource update will be completed once RDT has gained sufficient feedback from its resource consultants with regards to specific quantities and locations of drilling required to upgrade the existing reported resource models.



Figure 9; IDRC238; Uncut diamond showing 1.2m of semi-massive sulphide (Pyrrhotite and Chalcopyrite) in quartz veining within and Anorthosite country rock (206.9m to 208.3m) #



Figure 10; IDRCD239 diamond core interval showing strongly mineralised quartz veining with massive and semi massive sulphides in a sheared mafic and Anorthosite host interval from 190m to 192.3m#



Figure 11; IDRCD102 HQ drill core intersected massive to semi massive sulphides predominantly pyrrhotite, pyrite with minor Chalcopyrite from 250.8 to 253.7m #

#The Company has no estimate of potential gold copper or precious metal mineralisation contained within IDRCD238;102 or 239 which can only be determined through laboratory analysis, core is currently being cut and sampled and will be submitted for ICP multi-element and gold fire assay analysis as soon as ready



### Regional Geochemical Programme and Aircore

A regional geochemical programme is now into its third week. A total of 3600 samples sites have been designed, after an desktop soil geochemical amenability study was completed targeting areas with minimal cover and insitu regolith. The soil programme will give the best representation of the geochemical signature of the underlying insitu rock prior to drill testing.

All samples will be submitted to Portable Spectral Services for pXRF Lithium index work and then a full wet chemical ICP analysis. Dr Nigel Brand has been contracted to carry out interpretation of the results from the Lithium index work to assist with target generation from the data.

As previously reported, a significant area north-west and along the eastern limb of the granitic pluton is covered by transported weathered material and not necessarily amenable to soil geochemical sampling. However, soil sampling will be carried out over portions of this transported material to better determine the extents of the regolith and transported soil margins. This area will also be drilled with a 320 hole aircore programme planned to start immediately upon the granting of drill approvals, which are expected shortly.

Both the soil geochemical and aircore results will enable RDT to better develop and estimate an exploration target quantum for the Mt Ida package, and will produce targets for a comprehensive follow up RC exploration programme during Q2 and Q3 of 2022.

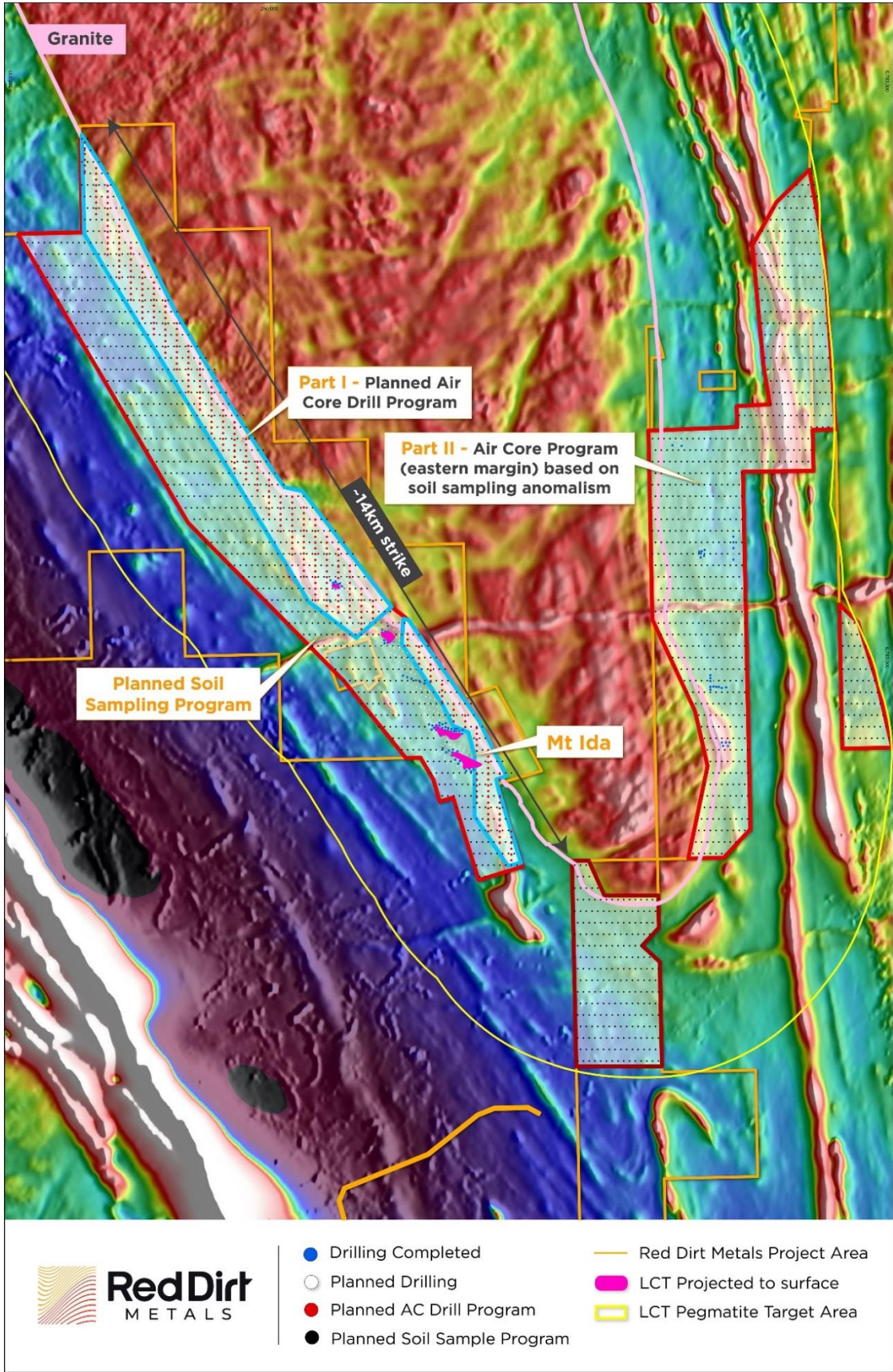


Figure 12; Regional TMI magnetic image with planned Aircore and geochemical soil sampling sites



**Managing Director Matthew Boyes commented on updated Drill results from Mt Ida;**

*“Mt Ida continues to grow and develop as our exploration programme moves forward and new discoveries on the eastern limb have opened up a new zone for potential new resources to add to what we have already discovered on the western limb.*

*The next quarter for RDT will see some major milestones achieved with first round of sighter metallurgical testwork and the completion of a tenure wide geochemical soil programme completed along with 3<sup>rd</sup> round of drilling assay results and the commencement of our maiden resource estimation, I look forward to updating the market in which will be our busiest quarter of activity to date”*

Authorised for ASX lodgement by the Board.

Red Dirt Metals Limited

Matthew Boyes

Managing Director

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**Competent Persons Statement**

Exploration information in this Announcement is based upon work undertaken by Mr Matthew Boyes who is a Fellow of the Australasian Institute of Mining and Metallurgy (AUSIMM). Mr Boyes has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a ‘Competent Person’ as defined in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’ (JORC Code). Mr Boyes is an employee of Red Dirt Metals Limited and consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

The information in this release that references previously reported exploration results is extracted from the Company’s ASX market announcements released on the date noted in the body of the text where that reference appears, or above. The previous market announcements are available to view on the Company’s website or on the ASX website ([www.asx.com.au](http://www.asx.com.au)). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcements.

### **Naming of the Sister Sam Pegmatite**

The Sister Sam pegmatite has been named in honour of local healthcare worker Janet Mazza, who was affectionately named "Sister Sam" by the local community at the town of Menzies, which is situated close to the Mt Ida project. Janet provided service to the community of Menzies and other rural shires in WA for over a 30 year period, and was the only healthcare provider in what is the largest shire in the country during her time in Menzies. Janet passed away at the end of 2021 but her memory is fondly remembered all in the community.



Janet Mazza aka "Sister Sam" in front of the Menzies Nursing Post

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APPENDIX 1; Significant intervals for Li2O, Ta2O5 and gold

HoleID		From	To	Width (m)	Li2O %	Ta2O5 ppm	Au ppm
<b>IDRC091</b>		82	84	2			<b>1.08</b>
<b>IDRC092</b>		62	64	2			<b>2.71</b>
	and	86	87	1			<b>4.99</b>
	and	156	157	1			<b>1</b>
	and	175	176	1			<b>1.52</b>
<b>IDRC094</b>		82	83	1	<b>0.75</b>	<b>183</b>	
	and	89	90	1	<b>1.06</b>	<b>134</b>	
	and	93	94	1	<b>0.55</b>	<b>127</b>	
	and	100	105	5	<b>1.49</b>	<b>348</b>	
	and	116	118	2	<b>0.76</b>	<b>477</b>	
<b>IDRC096</b>		52	54	2	<b>0.7</b>	<b>229</b>	
	and	73	75	2	<b>0.99</b>	<b>425</b>	
<b>IDRC099</b>		34	35	1			<b>0.63</b>
	and	56	59	3			<b>3.39</b>
	and	99	100	1			<b>3.27</b>
	and	103	105	2			<b>1.71</b>
<b>IDRC101</b>		45	46	1	<b>0.54</b>	<b>179</b>	
	and	59	61	2			<b>1.05</b>
	and	64	69	5	<b>1.46</b>	<b>279</b>	
<b>IDRC103</b>		157	158	1	<b>0.8</b>	<b>155</b>	
	and	170	173	3			<b>11.37</b>
<b>IDRC109</b>		121	122	1			<b>0.52</b>
	and	123	124	1			<b>0.89</b>
	and	242	247	5	<b>1.88</b>	<b>68</b>	
<b>IDRC113</b>		112	117	5			<b>4.96</b>
	and	128	129	1			<b>0.57</b>
	and	130	131	1			<b>0.6</b>
<b>IDRC115</b>		186	194	8	<b>1.47</b>	<b>318</b>	
<b>IDRC116</b>		36	40	4			<b>1.92</b>
	and	68	70	2	<b>0.97</b>	<b>250</b>	
	and	93	97	4	<b>1.06</b>	<b>128</b>	
<b>IDRC118</b>		43	46	3	<b>1.22</b>	<b>125</b>	
		86	89	3	<b>1.76</b>	<b>52</b>	
<b>IDRC120</b>		78	79	1			<b>2.32</b>
	and	139	14	1			<b>1.38</b>
<b>IDRC121</b>		60	61	1			<b>1.09</b>
<b>IDRC122</b>		102	104	2			<b>4.16</b>
	and	139	140	1			<b>9.48</b>
	and	154	156	2			<b>7.29</b>

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	and	171	177	6			1.92
<b>IDRC123</b>		17	18	1	<b>0.57</b>	<b>0.6</b>	
	and	22	23	1	<b>0.79</b>	<b>9</b>	
<b>IDRC125</b>		47	48	1			<b>0.61</b>
		52	53	1			<b>0.6</b>
<b>IDRC131</b>		77	80	3	<b>1.02</b>	<b>250</b>	
	and	190	192	2	<b>0.9</b>	<b>222</b>	
<b>IDRC133</b>		179	183	4	<b>1.43</b>	<b>248</b>	
<b>IDRC137</b>		51	57	6	<b>1.82</b>	<b>241</b>	
	and	65	68	3	<b>1.21</b>	<b>224</b>	
	and	201	202	1	<b>1.05</b>	<b>314</b>	
	and	206	207	1	<b>1.26</b>	<b>299</b>	
<b>IDRC139</b>		155	161	6	<b>1.01</b>	<b>171</b>	
<b>IDRC143</b>		5	6	1	<b>0.6</b>	<b>446</b>	
<b>IDRC186</b>		143	144	1			<b>0.95</b>
<b>IDRCD100</b>	precollar only	214	216	2	<b>0.91</b>	<b>610</b>	
	and	226	237	11	<b>1.81</b>	<b>374</b>	
<b>IDRCD104</b>	precollar only	95	96	1			<b>0.75</b>
<b>Previously Reported assays</b>							
<b>IDRC069</b>							
		122	123	1			<b>1.39</b>
	and	188	189	1			<b>0.54</b>
	and	248	249	1			<b>25.23</b>
<b>IDRC070</b>		162	185	23	<b>1.61</b>	<b>189</b>	
<b>IDRC071</b>							
		128	129	1			<b>1.08</b>
<b>IDRC072</b>							
		112	116	4			<b>1.1</b>
	and	146	148	2			<b>2.86</b>
<b>IDRC073</b>		72	73	1			<b>5.93</b>
	and	149	155	6	<b>1.75</b>	<b>176</b>	
<b>IDRC074</b>		198	228	30	<b>1.38</b>	<b>253</b>	
<b>IDRC075</b>		214	215	1	<b>0.6</b>	<b>272</b>	
	and	220	221	1			<b>1.02</b>
	and	245	246	1			<b>0.66</b>
<b>IDRC076</b>		226	247	21	<b>1.18</b>	<b>245</b>	
	and	250	252	2			<b>0.96</b>
<b>IDRC077</b>		139	149	10	<b>1.63</b>	<b>375</b>	
<b>IDRC078</b>		167	168	1			<b>0.51</b>
	and	200	201	1	<b>2.48</b>	<b>195</b>	
<b>IDRC080</b>							
	and	110	112	2			<b>1.66</b>
<b>IDRC081</b>		92	108	16	<b>1.82</b>	<b>360</b>	
	and	119	125	6	<b>1.26</b>	<b>166</b>	



	and	137	141	4	<b>0.89</b>	<b>117</b>	
<b>IDRC083</b>		89	90	1	<b>0.67</b>	<b>102</b>	
	and	181	188	7	<b>1.89</b>	<b>208</b>	
	and	193	200	7	<b>1.14</b>	<b>109</b>	
<b>IDRC084</b>		32	40	8			<b>0.91</b>
	and	59	61	2	<b>1.03</b>	<b>318</b>	
<b>IDRC085</b>		67	68	1	<b>0.86</b>	<b>228</b>	
<b>IDRC086</b>		113	115	2	<b>1.78</b>	<b>408</b>	
<b>IDRC088</b>		121	136	15	<b>1.5</b>	<b>175</b>	
	and	149	150	1	<b>1.53</b>	<b>203</b>	
<b>IDRC089</b>		92	99	7	<b>1.63</b>	<b>206</b>	
<b>IDRC090</b>		131	141	10	<b>1.38</b>	<b>81</b>	

APPENDIX 2; Drillhole collar locations for RDRT drilling completed 2021-2022 drilling campaigns

<b>HoleID</b>	<b>MGA_East</b>	<b>MGA_North</b>	<b>MGA_RL</b>	<b>Dip</b>	<b>MGA_Azi</b>	<b>Depth</b>
IDRC069	253370	6778186	475	-60	55	280
IDRC070	253436	6778119	475	-60	55	220
IDRC071	253523	6778186	475	-60	55	200
IDRC072	253532	6778126	475	-60	55	200
IDRC073	253471	6778144	475	-60	55	200
IDRC074	253387	6778080	475	-60	55	250
IDRC075	253439	6778175	475	-60	55	252
IDRC076	253377	6778138	475	-60	55	270
IDRC077	253470	6778072	476	-60	55	162
IDRC078	253417	6778035	479	-60	55	228
IDRC079	253497	6778030	481	-60	55	180
IDRC080	253546	6778064	481	-60	55	138
IDRC081	252973	6778648	475	-60	55	186
IDRC082	253016	6778678	475	-60	55	220
IDRC083	252999	6778781	475	-70	185	220
IDRC084	253606	6778161	475	-60	55	102
IDRC085	253599	6778108	475	-60	55	90
IDRC086	252965	6778706	475	-70	185	138
IDRC087	252961	6778665	474	-70	185	100
IDRC088	253015	6778738	475	-70	185	168
IDRC089	253047	6778700	475	-70	185	148
IDRC090	253051	6778745	474	-70	185	180
IDRC091	253095	6778695	475	-70	185	162
IDRC092	253099	6778738	474	-70	185	120
IDRC093	253097	6778680	476	-70	185	132
IDRC094	253101	6778725	475	-70	185	162
IDRC095	253145	6778675	474	-70	185	228
IDRC096	253145	6778638	476	-60	185	88
IDRC097	253149	6778679	476	-60	185	118

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IDRC098	253157	6778725	475	-60	185	160
IDRC099	253219	6778768	474	-60	185	214
IDRC101	253236	6778634	475	-60	185	82
IDRC103	253102	6778781	474	-60	185	203
IDRC105	253057	6778795	473	-60	185	185
IDRC107	253071	6778357	478	-90	0	162
IDRC109	253005	6778845	473	-65	185	269
IDRC110	253242	6778724	474	-60	185	179
IDRC111	253061	6778865	473	-60	185	294
IDRC112	253260	6778769	474	-60	185	203
IDRC113	253008	6778433	473	-78	60	138
IDRC114	253296	6778724	474	-62	185	178
IDRC115	252054	6780263	468	-60	0	209
IDRC116	253256	6778675	474	-60	195	118
IDRC117	251994	6780305	468	-60	0	202
IDRC118	253297	6778682	474	-50	185	118
IDRC119	252000	6780252	469	-60	0	100
IDRC120	253346	6778681	475	-50	185	160
IDRC121	252079	6780306	470	-60	310	178
IDRC122	253352	6778746	475	-50	185	196
IDRC123	252042	6780327	468	-55	0	180
IDRC124	253159	6778761	474	-70	185	180
IDRC125	252158	6780289	467	-55	0	202
IDRC126	251152	6781193	462	-60	0	160
IDRC127	252156	6780373	466	-60	0	118
IDRCD100	253305	6778206	475	-60	110	240
IDRCD102	253226	6778232	474	-60	110	250
IDRCD104	253243	6778278	474	-60	110	250
IDRCD106	253164	6778306	474	-60	110	250
IDRCD108	253084	6778335	475	-60	110	204
IDRC128	251136	6781270	464	-55	180	78
IDRC129	252154	6780370	475	-50	220	190
IDRC130	251148	6781325	462	-55	180	124
IDRC131	252062	6780454	465	-65	180	220
IDRC132	251060	6781345	462	-55	180	166
IDRC133	252058	6780389	465	-60	180	208
IDRC134	251152	6781310	462	-55	150	148
IDRC135	252042	6780332	468	-60	180	232
IDRC136	251152	6781310	462	-55	210	124
IDRC137	252014	6780413	468	-62	180	200
IDRC138	251106	6781302	464	-55	180	100
IDRC139	252100	6780412	468	-62	180	184
IDRC140	251106	6781270	464	-55	180	46
IDRC141	251958	6780489	464	-60	180	178
IDRC142	251135	6781235	464	-55	330	55
IDRC143	252161	6780372	468	-70	180	154
IDRC144	251143	6781240	464	-55	30	46
IDRC145	252946	6778776	472	-60	185	220



IDRC146	251158	6781202	464	-55	30	64
IDRC147	252950	6778824	471	-60	185	262
IDRC148	252011	6780458	468	-65	180	106
IDRC150	251958	6780389	465	-60	180	94
IDRC152	251958	6780439	465	-60	180	148
IDRC154	252059	6780554	465	-55	180	184
IDRC155	252892	6778747	477	-62	55	130
IDRC156	252079	6780295	465	-60	180	160
IDRC157	252857	6778782	478	-60	55	124
IDRC158	251203	6781246	465	-55	210	76
IDRC159	252926	6778770	477	-60	55	70
IDRC160	251061	6780975	479	-60	180	130
IDRC161	252898	6778811	478	-60	55	70
IDRC162	251229	6781289	465	-55	210	124
IDRC163	253277	6778162	475	-60	110	292
IDRC164	251258	6781241	465	-55	210	94
IDRC165	252828	6778823	478	-60	55	136
IDRC166	251190	6781279	464	-55	210	94
IDRC167	252816	6778753	476	-60	55	196
IDRC168	253137	6778526	474	-60	110	250
IDRC169	252772	6778842	477	-60	55	203
IDRC170	253079	6778536	475	-55	180	179
IDRC174	256991	6783686	447	-60	0	89
IDRC176	257153	6783675	449	-60	0	137
IDRC177	257483	6781740	450	-55	335	94
IDRC178	258050	6782002	447	-55	180	131
IDRC179	257540	6781770	456	-55	335	97
IDRC180	257487	6781808	453	-60	140	100
IDRC181	257457	6781839	455	-60	140	64
IDRC182	258050	6781902	446	-55	180	148
IDRC183	258050	6782102	449	-55	180	154
IDRC184	258050	6781702	448	-55	180	131
IDRC185	257650	6779596	458	-55	180	120
IDRC186	257650	6779646	456	-55	180	196
IDRCD100	253305	6778206	475	-60	110	290
IDRCD102	253226	6778232	474	-60	110	350
IDRCD104	253243	6778278	474	-60	110	340.6
IDRCD106	253164	6778306	474	-60	110	444.4
IDRCD108	253084	6778335	475	-60	110	197
IDRCD149	252896	6778780	472	-60	185	232
IDRCD151	252900	6778828	472	-60	185	286.5
IDRCD153	252954	6778870	471	-60	185	337
IDRCD171	253176	6778357	474	-60	110	405.4
IDRCD172	253254	6778327	474	-60	110	366.4
IDRCD173	253332	6778247	476.618	-60	110	296.1
IDRCD175	253264	6778378	475	-60	110	398.3
IDRCD202	253097	6778385	475	-60	110	16
IDRCD203	253184	6778407	474	-60	110	453.4

IDRCD204	253116	6778391	475	-60	112	441.4
IDRC187	6779692.84	257648.41	452.22	-53.7	185.1	262
IDRC188	6779496.67	257651.65	453.85	-55.0	2.2	124
IDRC189	6779444.63	257647.58	454.48	-54.6	0.0	148
IDRC190	6779495.45	257697.70	453.68	-54.8	1.8	118
IDRC191	6779493.77	257746.44	453.21	-54.6	353.8	124
IDRC192	6779492.57	257794.03	452.78	-54.3	359.7	154
IDRC193	6779489.95	257920.29	452.88	-54.8	2.7	178
IDRC194	6778437.58	257961.38	457.58	-54.8	0.8	100
IDRC195	6778523.19	257974.12	457.47	-54.5	191.3	88
IDRC196	6778464.29	257878.12	458.49	-54.7	22.8	88
IDRC197	6778538.81	257918.54	458.12	-54.7	181.3	82
IDRC198	6778527.54	257852.57	458.83	-54.6	183.3	70
IDRC199	6779473.37	257845.53	452.92	-54.8	1.8	166
IDRC200	6781847.26	257497.86	451.84	-59.8	156.0	70
IDRC201	6781867.32	257546.59	449.84	-54.2	154.8	76
IDRC206	6779549.35	252685.81	468.07	-59.2	106.4	148
IDRC207	6779577.67	252621.00	467.65	-58.4	111.1	154
IDRC208	6779607.28	252537.67	467.44	-59.5	112.3	148
IDRC209	6779620.78	252469.20	467.22	-59.2	109.2	148
IDRC210	6779655.30	252399.36	467.29	-58.8	109.1	160
IDRC211	6779690.24	252314.01	467.42	-59.4	107.8	136
IDRC212	6779687.00	252608.00	470.00	-59.8	109.8	136
IDRC213	6779714.00	252533.00	470.00	-59.6	109.5	142
IDRC214	6779742.00	252458.00	470.00	-59.3	110.7	160
IDRC215	6779769.00	252383.00	470.00	-59.9	111.7	226
IDRC216	6779796.00	252307.00	470.00	-57.8	111.6	148
IDRC217	6779824.00	252232.00	470.00	-59.3	111.5	148
IDRC218	6779813.00	252555.00	470.00	-59.4	108.3	100
IDRC219	6779840.00	252480.00	470.00	-59.2	111.2	142
IDRC220	6779868.00	252405.00	470.00	-59.0	113.2	130
IDRC223	6779015.00	252999.00	470.00	-59.8	110.5	160
IDRC224	6779043.00	252924.00	470.00	-59.9	109.8	118
IDRC225	6779070.00	252849.00	470.00	-59.4	110.6	124
IDRC226	6779098.00	252774.00	470.00	-59.8	110.6	118
IDRC228	6779152.00	252624.00	470.00	-59.9	110.6	154
IDRC230	6779151.00	252911.00	470.00	-58.5	113.1	118
IDRC231	6779179.00	252835.00	470.00	-59.6	109.8	118
IDRC235	6778832.00	253267.00	473.00	-59.5	185.0	250
IDRC243	6777883.00	253743.00	474.00	-60.0	110.0	160
IDRC244	6777910.00	253640.00	474.00	-60.0	110.0	190
IDRC245	6777943.00	253531.00	473.00	-60.0	110.0	250
IDRCD168	6778523.37	253135.32	472.95	-60.1	109.1	551.4
IDRCD205	6778438.33	253099.06	474.27	-56.0	106.0	488.3
IDRCD221	6778414.00	253018.00	475.00	-54.8	108.8	124
IDRCD222	6778416.00	253016.00	475.00	-54.3	108.7	126.8



IDRCD232	6778918.00	252958.00	471.00	-59.2	184.5	345
IDRCD233	6778930.00	253013.00	470.00	-60.1	183.6	384.5
IDRCD234	6778300.00	253190.00	474.00	-56.7	108.0	244
IDRCD236	6778810.00	253303.00	473.00	-59.3	182.6	250
IDRCD237	6778838.00	253162.00	473.00	-63.7	183.2	238
IDRCD238	6778619.00	253223.00	475.00	-58.8	55.0	221
IDRCD239	6778616.00	253239.00	480.00	-59.5	89.4	136
IDRCD240	6778432.00	253169.00	472.00	-59.8	91.0	140
IDRCD241	6778720.00	252985.00	474.00	-58.8	55.8	202
IDRCD242	6778635.00	253087.00	468.00	-58.9	191.6	232
Rock Chip Sampling						
Sample ID	Tenement ID	MGA East	MGA North	RL (est)	LiO2_pct	Ta2O5_ppm
R0001	M29/165	253658	6778123	470	1.07	279.63
R0002	M29/002	252038	6780328	470	1.12	691.14
R0003	M29/165	251155	6781238	470	0.44	380.98
R0004	M29/165	254336	6778439	470	0.00	<1
R0005	M29/165	253669	6778135	470	0.03	631.31
R0006	M29/165	253666	6778157	470	0.13	343.13
R0007	M29/165	253662	6778133	470	2.57	492.10
R0008	M29/165	253663	6778128	470	0.60	323.59
R0009	M29/002	252188	6780352	470	0.00	1.22

## JORC Code, 2012 Edition – Table 1

### Section 1 Sampling Techniques and Data

Criteria	Commentary
<b>Sampling techniques</b>	<p><b>Red Dirt Metals</b></p> <ul style="list-style-type: none"> <li>Sampling activities have included reverse circulation (RC) and diamond (DD) drilling, and rock chip sampling at the Mt Ida project. Core sampling of one historic drillhole has also been carried out, with assaying, petrological and XRD analysis completed</li> <li>RC are samples collected from a static cone splitter mounted directly below the cyclone on the rig</li> <li>DD core has not yet been processed</li> </ul> <p><b>Historic Data</b></p> <ul style="list-style-type: none"> <li>Limited historical data has been supplied, historic sampling referenced has been carried out by Hammill Resources, International Goldfields, La Mancha Resources, Eastern Goldfields and Ora Banda Mining, and has included rock chip sampling, and RC, DD and rotary air blast (RAB) drilling</li> <li>Sampling of historic RC has been carried out via riffle split for 1m sampling, and scoop or spear sampling for 4m composites, historic RAB drilling was sampled via spear into 4m composites</li> <li>Historic core has been cut and sampled to geological intervals</li> </ul>

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Criteria	Commentary
	<ul style="list-style-type: none"> <li>• These methods of sampling are considered to be appropriate for this style of exploration</li> </ul>
<b>Drilling techniques</b>	<p><b>Red Dirt Metals</b></p> <ul style="list-style-type: none"> <li>• Drilling is being carried out by Orlando Drilling, RC drilling is utilising an Explorac 220RC rig with a 143 mm face sampling hammer bit and DD drilling is carried out by a truck mounted Sandvik DE820 and is HQ2 diameter</li> <li>• Diamond tails average 110m depth</li> </ul> <p><b>Historic Data</b></p> <ul style="list-style-type: none"> <li>• Historic drilling has been completed by various companies including Kennedy Drilling, Wallis Drilling, Ausdrill and unnamed contractors utilising purpose-built RAB, RC and DD rigs as well as combination rigs</li> <li>• Historic DD drilling was NQ sized core</li> <li>• It is assumed industry standard drilling methods and equipment were utilised for all historic drilling</li> </ul>
<b>Drill sample recovery</b>	<p><b>Red Dirt Metals</b></p> <ul style="list-style-type: none"> <li>• Sample condition is recorded for every RC drill metre including noting the presence of water or minimal sample return, inspections of rigs is carried out daily</li> <li>• DD core has not yet been processed</li> </ul> <p><b>Historic Data</b></p> <ul style="list-style-type: none"> <li>• Limited sample recovery and condition information has been supplied or found</li> </ul>
<b>Logging</b>	<p><b>Red Dirt Metals</b></p> <ul style="list-style-type: none"> <li>• Quantitative and qualitative geological logging of drillholes adheres to company policy and includes lithology, mineralogy, alteration, veining and weathering</li> <li>• Diamond core has not yet been processed or logged</li> <li>• All chip trays and drill core are photographed in full</li> </ul> <p><b>Historic Data</b></p> <ul style="list-style-type: none"> <li>• A complete quantitative and qualitative logging suite was supplied for historic drilling including lithology, alteration, mineralogy, veining, weathering</li> <li>• It is unknown if all historic core was oriented, limited geotechnical logging has been supplied</li> <li>• No historic core or chip photography has been supplied</li> <li>• Logging is of a level suitable to support Mineral resource estimates and subsequent mining studies</li> </ul>
<b>Sub-sampling techniques and sample preparation</b>	<p><b>Red Dirt Metals</b></p> <ul style="list-style-type: none"> <li>• DD core has not yet been processed or sampled</li> <li>• RC samples are collected from a static cone splitter mounted directly below the cyclone on the rig, sample weights are kept under 3kg to ensure total inclusion at the pulverisation stage</li> <li>• Occasional wet samples are encountered, extra cleaning of the splitter is carried out afterward</li> <li>• Chip samples have been analysed for Li suite elements via ICPMS, and for Au by 50g fire assay by Nagrom.</li> <li>• Select samples have been assayed at North Australian Laboratories (NAL) for Au via 50g fire assay and a limited multielement suite via ICP-OES</li> </ul>



Criteria	Commentary
	<ul style="list-style-type: none"> <li>• Historic core sampled by Red Dirt Metals was collected for ICPMS analysis via selection from NQ half and quarter core, and submitted to Nagrom</li> <li>• Samples analysed by Nagrom were dried, crushed and pulverised to 80% passing 75 microns before undergoing a peroxide fusion digest with ICPMS finish or fire assay with ICPMS finish</li> <li>• Samples submitted to NAL were dried, crushed and pulverised to 90% passing 75 microns before undergoing fire assay with AAS finish or acid digest with ICP-OES finish</li> <li>• Semi-Quantitative XRD analysis was carried out by Microanalysis Australia using a representative sub-sample that was lightly ground such that 90% was passing 20 µm to eliminate preferred orientation</li> <li>• RC duplicate field samples were carried out at a rate of 1:20 and were sampled directly from the splitter on the rig. These are submitted for the same assay process as the primary samples and the laboratory are unaware of such submissions</li> </ul> <p><b>Historic Data</b></p> <ul style="list-style-type: none"> <li>• Historic chip sampling methods include single metre riffle split and 4m composites that were either scoop or spear sampled, while historic core was cut onsite and half core sampled</li> <li>• Historic samples were analysed at LLAS, Genalysis and unspecified laboratories</li> <li>• Historic Au analysis techniques generally included crushing, splitting if required, and pulverisation, with aqua regia or fire assay with AAS finish used to determine concentration</li> <li>• Historic multielement analysis was carried with mixed acid digest and ICP-MS determination</li> </ul>
<b>Quality of assay data and laboratory tests</b>	<p><b>Red Dirt Metals</b></p> <ul style="list-style-type: none"> <li>• Samples have been analysed by external laboratories utilising industry standard methods</li> <li>• The assay methods utilised by Nagrom and NAL for RC chip, rock chip and historic core sampling allow for total dissolution of the sample</li> <li>• Standards and blanks are inserted at a rate of 1 in 20 in RC sampling, All QAQC analyses were within tolerance</li> <li>• No QAQC samples were submitted with rock chip analysis</li> <li>• No standards were used by Red Dirt Metals in the historic core ICP analysis or XRD quantification process. Internal duplicate and repeat analyses were carried out as part of the assay process by Nagrom, as well as internal standard analysis.</li> <li>• A standard mica phase was used for the XRD analysis. It is possible that a lithium bearing mica such as lepidolite is present. A subsequent analysis technique would be required for confirmation</li> </ul> <p><b>Historic Data</b></p> <ul style="list-style-type: none"> <li>• All historic samples are assumed to have been prepared and assayed by industry standard techniques and methods</li> <li>• Limited historic QAQC data has been supplied, industry standard best practice is assumed</li> </ul>
<b>Verification of sampling and assaying</b>	<p><b>Red Dirt Metals</b></p> <ul style="list-style-type: none"> <li>• Significant intercepts have been verified</li> <li>• No specific twinned holes have been completed, but drilling has verified historic drilling intervals</li> <li>• Primary data is collected via excel templates and third-party logging software with inbuilt validation functions, the data is forwarded to the Database administrator for entry into a secure SQL database. Historic data was supplied in various formats and has been validated as much</li> </ul>

Criteria	Commentary
	<p>as practicable</p> <ul style="list-style-type: none"> <li>No adjustments to assay data have been made other than conversion from Li to Li<sub>2</sub>O and Ta to Ta<sub>2</sub>O<sub>5</sub></li> </ul> <p><b>Historic Data</b></p> <ul style="list-style-type: none"> <li>Data entry, verification and storage protocols remain unknown for historic operators</li> </ul>
<b>Location of data points</b>	<p><b>Red Dirt Metals</b></p> <ul style="list-style-type: none"> <li>MGA94 zone 51 grid coordinate system is used</li> <li>Current drilling collars have been pegged using a handheld GPS unit, all collars will be surveyed upon program completion by an independent third party</li> <li>Downhole surveys are completed by Orlando using a true north seeking gyro instrument</li> <li>Topography has been surveyed by recent operators. Collar elevations are consistent with surrounding holes and the natural surface elevation</li> </ul> <p><b>Historic Data</b></p> <ul style="list-style-type: none"> <li>Historic collars are recorded as being picked up by DGPS, GPS or unknown methods and utilised the MGA94 zone 51 coordinate system</li> <li>Historic downhole surveys were completed by north seeking gyro, Eastman single shot and multi shot downhole camera</li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>Drill hole spacing is variable throughout the programme</li> <li>Spacing is considered appropriate for this style of exploration and development drilling</li> <li>Sample composting has not been applied</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li>Drill holes are orientated perpendicular to the regional trend of the mineralisation previously drilled at the project; drill hole orientation is not considered to have introduced any bias to sampling techniques utilised</li> </ul>
<b>Sample security</b>	<p><b>Red Dirt Metals</b></p> <ul style="list-style-type: none"> <li>Samples are prepared onsite under supervision of Red Dirt Metals staff and transported by personnel directly to the Nagrom laboratory. Samples despatched to NAL were delivered via third party transport contractor</li> </ul> <p><b>Historic Data</b></p> <ul style="list-style-type: none"> <li>Sample security measures are unknown</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>None carried out</li> </ul>

## Section 2; Reporting of Exploration Results

Criteria	Commentary
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li>Drilling and sampling activities have been carried on M29/2, M29/165 and E29/640</li> <li>The tenements are in good standing</li> <li>There are no heritage issues</li> </ul>
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>The area has a long history of gold and base metals exploration and mining, with gold being discovered in the district in the 1890s. Numerous generations of exploration have been completed including activities such as drilling, geophysics and geochemical sampling</li> <li>Targeted Li assaying was first carried out in the early 2000s by La Mancha Resources and more recently, lithium assays were completed by Ora Banda Mining</li> </ul>

Criteria	Commentary
<b>Geology</b>	<ul style="list-style-type: none"> <li>The Mt Ida project is located within the Eastern Goldfields region of Western Australia within the Mt Ida/Ularring greenstone belt</li> <li>Locally the Kurrnjong Antiform dominates the regional structure at Mount Ida, a south-southeast trending, tight isoclinal fold that plunges at a low angle to the south. The Antiform is comprised of a layered greenstone sequence of mafic and ultramafic rocks.</li> <li>Late stage granitoids and pegmatites intrude the sequence.</li> </ul>
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>A list of the drill hole coordinates, orientations and metrics are provided as an appended table</li> </ul>
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li>No metal equivalents are used</li> </ul>
<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li>The geometry of the Li mineralisation is currently unknown although preliminary interpretation suggests the pegmatite intrusive sills and bodies are orientated sub-parallel to the Mt Ida Granitic intrusion and the northwest trending amphibolite mafic units which bound the western and eastern limbs of the intrusive</li> </ul>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>Figures have been included in the announcement</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>It is not practical to report all historical exploration results from the Mount Ida Project. Relevant collars and details are contained within the body of the announcement</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>None completed at this time</li> </ul>
<b>Further work</b>	<ul style="list-style-type: none"> <li>Drilling is continuing at Mt Ida with an initial 25,000m programme consisting of a mix of RC and diamond drilling underway</li> <li>Aircore and geochemical drilling will also be commenced along strike from the Mt Ida central area with the objective of targeting the pegmatite outcrops located in the mafic sequence sitting to the west of the Mt Ida granitic complex</li> </ul>